

# LANCO

TentTech · DeconTech · FlexTank


## Exo skeleton frame


# RDT





What makes this shelter range so special is the exoskeleton frame which allows rapid deployment.

Even in rain or snow the inside of the shelter stays dry during setup, because the shelter skin is pulled up and attached in one piece underneath the frame.

 Setup in less than 10 minutes

 Resistant to atmospheric agents

 Reduced transport and storage size and weight

 Withstands winds of up to 80 mph and snow loads of up to 10 lb/ft<sup>2</sup>

## Shelter skin

The shelter skin and the groundsheet are made of high-quality PVC-coated polyester fabric. They are joined by high frequency welding; therefore, the seams are watertight. As a standard, the shelter skin is flame retardant. Fabrics that meet different standards are available upon request. The shelter is equipped with rear and front door with entrance flap, four passages for climatization and cable passages as well as a window for each panel between two leg poles.

## Frame

The frame is made of specially designed anodized aluminum profiles; the connectors consist of die-cast aluminum. Independent of the shelter size, the roof area of the frame comes readily assembled in one piece. Leg poles and extendable base plates are also pre-assembled and only need to be slipped on the corner connectors.

## Technical data

(all values approx.)	RDT 200	RDT 400	RDT 600	RDT S 200	RDT S 400	RDT S 600	RDT S 750
Base area	193.75 ft <sup>2</sup>	387.50 ft <sup>2</sup>	581.25 ft <sup>2</sup>	193.75 ft <sup>2</sup>	387.50 ft <sup>2</sup>	581.25 ft <sup>2</sup>	753.47 ft <sup>2</sup>
Side wall style	sloped	sloped	sloped	vertical	vertical	vertical	vertical
Frame length	9.84 ft	19.69 ft	29.53 ft	9.51 ft	19.03 ft	28.54 ft	38.06 ft
Frame width	19.03 ft	19.03 ft	19.03 ft	19.03 ft	19.03 ft	19.03 ft	19.03 ft
Frame eaves height	6.72 ft	6.72 ft	6.72 ft	7.05 ft	7.05 ft	7.05 ft	7.05 ft
Frame max. height	9.84 ft	9.84 ft	9.84 ft	11.15 ft	11.15 ft	11.15 ft	11.15 ft
Shelter eaves height	6.72 ft	6.72 ft	6.72 ft	7.05 ft	7.05 ft	7.05 ft	7.05 ft
Shelter max. height	8.85 ft	8.85 ft	8.85 ft	10.33 fr	10.33 fr	10.33 fr	10.33 fr
Snow load resistance*)	up to 10 lb/ft <sup>2</sup>			up to 10 lb/ft <sup>2</sup>			
Wind resistance	up to 65 mph			up to 80 mph			
Assembly personnel	2	3	4	2	3	4	5
Set time	>10 min	>10 min	>10 min	>10 min	>10 min	>10 min	>10 min



## Options

- ▲ Fabric according to military standards
- ▲ Additional side entrances or windows
- ▲ Adapter to connect shelters
- ▲ Inner liner made of cotton, PU-coated polyester, or isolation fabric
- ▲ Partition wall
- ▲ Sunroof
- ▲ Protection groundsheet
- ▲ Connection module
- ▲ Entrance module
- ▲ Hard plastic flooring
- ▲ Lighting
- ▲ HVAC
- ▲ Lettering/branding

## Colors



\*Other colors are available upon request

